## Senate File 499 - Introduced

SENATE FILE BY COMMITTEE ON NATURAL RESOURCES AND ENVIRONMENT (SUCCESSOR TO SSB 1226) Passed Senate, Date \_\_\_\_\_ Passed House, Date \_\_\_\_\_ Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_ Approved \_\_\_\_ A BILL FOR  $1\ \mbox{An}$  Act relating to regulation of underground storage tanks by the 2 — department of natural resources, making appropriations, and providing contingent effective date provisions. 4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA: 5 TLSB 1404SV 82 6 tm/es/88 PAG LIN Section 1. Section 455B.474, subsection 1, paragraph b, 1 2 Code 2007, is amended to read as follows: b. Maintaining records of any monitoring or leak detection 4 system, inventory control system, or tank testing or 5 comparable system, and periodic underground storage tank 6 facility compliance inspections conducted by inspectors 1 7 certified by the department.
1 8 Sec. 2. Section 455B.474, subsection 1, paragraph h,
1 9 subparagraph (3), Code 2007, is amended to read as follows: 1 10 (3) A certificate may shall be recorded with the county 1 11 recorder. The owner or operator of a site who has been issued 1 12 a certificate under this paragraph "h" or a subsequent 1 13 purchaser of the site shall not be required to perform further 1 14 corrective action solely because action standards are changed 1 15 at a later date. A certificate shall not prevent the 1 16 department from ordering corrective action of a new release. 1 17 Sec. 3. Section 455B.474, subsection 1, Code 2007, is 1 18 amended by adding the following new paragraph: NEW PARAGRAPH. i. Establishing a certified compliance 1 20 inspector program administered by the department for 1 21 underground storage tank facility compliance inspections. 1 22 (1) The certified compliance inspector program shall 1 23 provide for, but not be limited to, all of the following: 1 24 (a) Mandatory periodic underground storage tank facility 1 25 compliance inspections by owners and operators using 1 26 inspectors certified by the department. 1 27 (b) Compliance inspector qualifications, certification 1 28 procedures, certification and renewal fees sufficient to cover 1 29 administrative costs, continuing education requirements, 1 30 inspector discipline standards including certification 31 suspension and revocation for good cause, compliance 32 inspection standards, professional liability bonding or 1 33 insurance requirements, and any other requirements as the 34 commission may deem appropriate. Certification and renewal 35 fees received by the department are appropriated to the 1 department for purposes of the administration of the certified 2 2 compliance inspector program. The department shall continue to conduct independent 2 4 inspections as provided in section 455B.475 as deemed 2 5 appropriate to assure effective compliance and enforcement and 6 for the purpose of auditing the accuracy and completeness of 7 inspections conducted by certified compliance inspectors. 2 8 (3) Acts or omissions by a certified compliance inspector, 2 9 the state, or the department regarding certification, renewal, 2 10 oversight of the certification process, continuing education, 2 11 discipline, inspection standards, or any other actions, rules, 2 12 or regulations arising out of the certification, inspections, 2 13 or duties imposed by this section shall not be cause for a

2 14 claim against the state or the department within the meaning 2 15 of chapter 669 or any other provision of the Iowa Code.

Sec. 4. Section 455B.474, subsection 1, paragraph d,

2 17 subparagraph (2), subparagraph subdivision (e), Code 2007, is 2 18 amended to read as follows:

(e) A site cleanup report which classifies a site as 2 20 either high risk, low risk, or no action required shall be 2 21 submitted by a groundwater professional to the department with 22 a certification that the report complies with the provisions 23 of this chapter and rules adopted by the department. 24 report shall be determinative of the appropriate 2 25 classification of the site. However, if the report is found 26 to be inaccurate or incomplete, and if based upon information 27 in the report the risk classification of the site cannot be 2 28 reasonably determined by the department based upon industry 29 standards, the department shall work with the groundwater 30 professional to obtain the additional information necessary to 31 appropriately classify the site. A groundwater professional 32 who knowingly or intentionally makes a false statement or 33 misrepresentation which results in a mistaken classification 34 of a site shall be guilty of a serious misdemeanor and shall 35 have the groundwater professional's certification revoked 1 under this section 455G.18.

Sec. 5. Section 455B.474, subsection 1, paragraph f, subparagraph (5), Code 2007, is amended to read as follows: (5) A corrective action design report submitted by a 5 groundwater professional shall be accepted by the department 6 and shall be primarily relied upon by the department to 7 determine the corrective action response requirements of the 8 site. However, if the corrective action design report is found to be inaccurate or incomplete, and if based upon 3 10 information in the report the appropriate corrective action 3 11 response cannot be reasonably determined by the department 12 based upon industry standards, the department shall work with 3 13 the groundwater professional to obtain the additional 3 14 information necessary to appropriately determine the 15 corrective action response requirements. A groundwater 3 16 professional who knowingly or intentionally makes a false 3 17 statement or misrepresentation which results in an improper or 3 18 incorrect corrective action response shall be guilty of a 19 serious misdemeanor and shall have the groundwater 3 20 professional's certification revoked under  $\underline{\text{this}}$  section 3 21 <del>455G.18</del>.

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Sec. 6. Section 455B.474, Code 2007, is amended by adding 23 the following new subsections:

NEW SUBSECTION. 8. Requirements as may be necessary to 25 maintain state program approval and which are consistent with applicable provisions of the federal Energy Policy Act of 2005, Pub. L. No. 109=58, Title XV, Subtitle B, Underground 28 Storage Tank Compliance, as codified in 42 U.S.C. } 6991 et 29 seq.

The commission shall adopt rules establishing a 31 training program applicable to owners and operators of 32 underground storage tanks. The rules may include provisions 33 for department certification of operators, self=certification 34 by owners and operators, education and training requirements, 35 owner requirements to assure operator qualifications, and assessment of education, training, and certification fees. The rules shall be consistent with and sufficient to comply 3 with the operator training requirements as provided in 42 4 U.S.C. 6991i, guidance adopted pursuant to that provision by 5 the administrator of the United States environmental 6 protection agency, and state program approval requirements under 42 U.S.C. 6991i(b).

The commission shall adopt rules related to the 9 prohibition on the delivery of regulated substances consistent 10 with and sufficient to comply with the provisions of 42 U.S.C. 4 11 6991k, guidance adopted by the administrator of the United 4 12 States Environmental Protection Agency pursuant to that 4 13 provision, and state program approval requirements under 42 4 14 U.S.C. 6991k(a)(3).

The commission shall adopt rules applicable to 15 4 16 secondary containment requirements consistent with and 4 17 sufficient to comply with the provisions of Pub. L. 109=58, 4 18 Title XV, section 1530(a), as codified at 42 U.S.C. 4 19 6991b(i)(1), and guidance adopted by the administrator of the 4 20 United States environmental protection agency pursuant to that Each new underground storage tank or piping 21 provision. 22 connected to any such new tank installed after the effective 4 23 date of this section of this Act, or any existing underground 24 storage tank or existing piping connected to such existing 25 underground storage tank that is replaced after August 1, 4 26 2007, shall be secondarily contained if the installation is 4 27 within one thousand feet of any existing community water

4 28 system or any existing potable drinking water well as provided 4 29 in Pub. L. 109=58, Title XV, section 1530(a), as codified at 4 30 42 U.S.C. } 6991b(i)(1) and in guidance adopted by the United 4 31 States environmental protection agency pursuant to that 4 32 provision. Rules adopted under this paragraph shall not amend 33 or modify the secondary containment requirements in subsection 34 1, paragraph "f", subparagraph (9).

NEW SUBSECTION. 9. a. Groundwater professionals shall be 1 certified. The commission shall adopt rules pursuant to chapter 17A for such certifications, and the rules shall include provisions for certification suspension or revocation 4 for good cause.

b. A groundwater professional is a person who provides 6 subsurface soil contamination and groundwater consulting services or who contracts to perform remediation or corrective action services and is one or more of the following:

(1) A person certified by the American institute of 5 10 hydrology, the national water well association, the American 5 11 board of industrial hygiene, or the association of groundwater 5 12 scientists and engineers.

(2) A professional engineer licensed in Iowa.(3) A professional geologist certified by a national

5 15 organization.

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- (4) Any person who has five years of direct and related 17 experience and training as a groundwater professional or in 5 18 the field of earth sciences.
- 19 (5) Any other person with a license, certification, or 20 registration to practice hydrogeology or groundwater hydrology 5 21 issued by any state in the United States or by any national 5 22 organization, provided that the license, certification, or 23 registration process requires, at a minimum, all of the 5 24 following:
  - (a) Possession of a bachelor's degree from an accredited 26 college.

Five years of related professional experience. (b)

- The department of natural resources may provide for a 29 civil penalty of no more than fifty dollars for failure to 30 obtain certification. An interested person may obtain a list 5 31 of certified groundwater professionals from the department of 32 natural resources. The department may impose and retain a fee 33 for the certification of persons under this subsection 34 sufficient to cover the costs of administration.
  - d. The certification of groundwater professionals shall 1 not impose liability on the board, the department, or the fund for any claim or cause of action of any nature, based on the 3 action or inaction of a groundwater professional certified 4 pursuant to this subsection.
- e. A person who requests certification under this 6 subsection shall be required to attend a course of instruction and pass a certification examination. An applicant who 8 successfully passes the examination shall be certified as a 9 groundwater professional. 6 10
- f. All groundwater professionals shall be required to 6 11 complete continuing education requirements as adopted by rule 12 by the commission.
- The commission may provide for exemption from the 6 14 certification requirements of this subsection and rules 15 adopted hereunder for a professional engineer licensed 16 pursuant to chapter 542B, if the person is qualified in the 6 16 6 17 field of geotechnical, hydrological, environmental 6 18 groundwater, or hydrogeological engineering.
- h. Notwithstanding the certification requirements of this 6 20 subsection, a site cleanup report or corrective action design 6 21 report submitted by a certified groundwater professional shall 6 22 be accepted by the department in accordance with subsection 1, 6 23 paragraph "d", subparagraph (2), subparagraph subdivision (e), 6 24 and paragraph "f", subparagraph (5).

NEW SUBSECTION. 10. Requirements that persons and companies performing or providing services for underground 6 27 storage tank installations, installation inspections, testing, 28 permanent closure of underground storage tanks by removal or 6 29 filling in place, and other closure activities as defined by 6 30 rules adopted by the commission be certified by the 6 31 department. This provision does not apply to persons 32 performing services in their official capacity and as 33 authorized by the state fire marshal's office or fire 34 departments of political subdivisions of the state. 35 adopted by the commission shall include all of the following:

Establishing separate certification criteria applicable 2 to underground storage tank installers and installation 3 inspectors, underground storage tank testers, and persons

4 conducting underground storage tank closure activities as 5 required by commission rules.

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Establishing minimum qualifications for certification b. including but not limited to considerations based on education, character, professional ethics, experience, 9 manufacturer or other private agency certification, training 10 and apprenticeship, and field demonstration of competence. The rules may provide for exemption from education, 7 12 experience, and training requirements for a licensed engineer 13 for whom underground storage tank installation is within the 7 14 scope of their license and practice but shall require 7 15 compliance with other certification requirements.

c. Requiring a written examination developed and 7 17 administered by the department or by some other qualified 7 18 public or private entity identified by the department. The 7 19 department may contract with a public or private entity to 20 administer the department's examination or a department 21 approved third party examination. The examination shall, at a 7 22 minimum, be sufficient to establish knowledge of all 23 applicable underground storage tank rules adopted under this 24 section, private industry standards, federal standards, and 7 25 other applicable standards adopted by the Iowa fire marshal's 7 26 office pursuant to chapter 101.

Providing for a minimum two=year renewable d. 28 certification period. A person may apply for a combined 7 29 certificate applicable to underground storage tank installer 30 and installer inspector certification, tester certification, 31 and closure certification.

e. Providing that certificate holders obtain and provide 33 proof of financial responsibility for environmental liability 34 with minimum liability limits of one million dollars per 35 occurrence and in the aggregate. The rules may provide The rules may provide 1 exemptions where the certificate holder is employed by the 2 owner or operator of the underground storage tank system and 3 the underground storage tank system is covered by a financial 4 responsibility mechanism under subsection 2.

Providing criteria for the department to take 6 disciplinary action including issuance of warnings, 7 reprimands, suspension and probation, and revocation. Any 8 certificate holder subject to suspension or revocation shall be entitled to notice and an opportunity for an evidentiary 8 10 hearing as provided in section 17A.18.

Providing for certification reciprocity between states q. 8 12 upon demonstration that the out of state certification 8 13 criteria is substantially equivalent to rules adopted by the 8 14 commission.

h. Providing for assessment of fees sufficient to cover 16 the costs of administration of the certification program. 8 17 separate fee may be established for persons applying for a 8 18 combination of installer and installer inspector, testing, or 8 19 closure certifications. Fees received by the department 8 20 pursuant to this subsection are appropriated to the department 8 21 for purposes of the administration of activities under this 8 22 subsection.

i. Notwithstanding subsection 7, the commission may adopt 8 24 rules requiring that all underground storage tank 8 25 installations, installation inspections, testing, and closure 26 activities be conducted by persons certified in accordance 8 27 with this subsection.

j. Acts or omissions of a person certified under this 29 subsection, the state, or the department regarding 30 certification, renewal, oversight of the certification 8 31 process, continuing education, discipline, inspection 32 standards, or any other actions including department onsite 8 33 supervision of certified activities, rules, or regulations 8 34 arising out of the certification, shall not be cause for a 8 35 claim against the state or the department within the meaning 1 of chapter 669 or any other provision of the Code.

Section 455G.9, subsection 1, paragraph k, Code Sec. 7. 2007, is amended to read as follows:

k. Corrective action including site assessment required by the department in response to a high risk condition caused by 6 a release which was previously eligible for benefits under 7 this section from an underground storage tank located on a 8 site for which the department, after January 31, 1997, has 9 issued a no further action certificate under section 455B.474. 9 10 As a condition of receiving benefits under this paragraph, the 11 department must determine that the condition necessitating the 9 12 corrective action was not a result of a release that occurred 13 after the issuance of the no further action certificate, and 9 14 that the site qualified for remedial benefits under this

9 15 section prior to the issuance of the no further action 9 16 certificate. No more than one hundred thousand dollars per 9 17 site may be used for the costs of a corrective action\_ 9 18 including site assessment, under this paragraph. The owner 9 19 operator may file a claim for no further action benefits as 9 20 provided in this paragraph. If the owner or operator is 9 21 unable or unwilling to file a claim, the department may 9 22 establish a claim for the no further action benefits. It 9 23 assessment and corrective action costs exceed one hundred 24 thousand dollars, the board may consider requests from any 25 eligible claimant or the department to reopen an eligible 9 26 remedial benefits claim as provided in this section or 27 authorized by section 455G.21. Any no further action benefit 9 28 moneys expended pursuant to this paragraph shall be applied to 9 29 any remaining balance of the reopened remedial benefits claim. 9 30 This paragraph does not confer a legal right on an owner or 9 31 operator of petroleum-contaminated property or on any other 9 32 person to receive benefits under this paragraph. Sec. 8. Section 455G.9, subsection 1, Code 2007, is 9 34 amended by adding the following new paragraph: NEW PARAGRAPH. 1. Costs for the permanent closure of an underground storage tank system that was in place on the date 9 35 10 10 an eligible claim was submitted under paragraph "a". Reimbursement is limited to costs approved by the board prior to the closure activities. Installation of a new underground 10 10 10 storage tank shall be prohibited on the property for a period 10

6 of two years.

Sec. 9. Section 455H.105, subsection 5, Code 2007, is amended to read as follows:

5. Adopt rules establishing requirements for the 10 10 submission, performance, and verification of site assessments, 10 11 cleanup plans, and certifications of completion. The rules 10 12 shall provide that all site assessments, cleanup plans, and 10 13 certifications of completion submitted by a participant shall 10 14 be prepared by or under the supervision of an appropriately 10 15 trained professional, including a groundwater professional 10 16 certified pursuant to section 455G.18 455B.474.

Sec. 10. TRANSITIONAL PROVISIONS.

- 1. Not later than August 1, 2007, the environmental 10 19 protection commission shall adopt administrative rules 10 20 previously adopted by the Iowa comprehensive petroleum 10 21 underground storage tank fund board pursuant to section 10 22 455G.17 in existence on the effective date of this Act by 10 23 emergency rulemaking pursuant to section 17A.4, subsection 2, 10 24 and section 17A.5, subsection 2, paragraph "b". The rules 10 25 shall become effective immediately upon filing or on a later 10 26 effective date specified in the rules. Any rules adopted in 10 27 accordance with the provisions of this section shall also be 10 28 published as notice of intended action as provided in section 10 29 17A.4.
- 10 30 10 31 2. Following the adoption of emergency rules, the commission shall commence rulemaking procedures for the 10 32 administration of section 455B.474, subsection 10.
- 10 33 3. Any registration or certification issued pursuant to 10 34 section 455G.17 shall continue in full force and effect until expiration or renewal. 10 35

Sec. 11. Section 455G.17, Code 2007, is repealed. Sec. 12. Section 455G.18, Code 2007, is repealed. Sec. 13. CONTINGENT EFFECTIVE DATE. The section of this

4 Act repealing section 455G.17, shall take effect upon the Code editor's receipt of notice from the environmental protection commission stating that emergency rules required under the section of this Act relating to transitional provisions have

taken effect.

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## EXPLANATION

This bill relates to the regulation of underground storage tanks by the department of natural resources.

The bill requires the maintaining of records by owners and operators of underground storage tanks for periodic 11 14 underground storage tank facility compliance inspections 11 15 conducted by inspectors certified by the department.

The bill requires a no further action certificate issued by the department for an underground storage tank site which has 11 18 been classified as a no further action site to be filed with

the county recorder. Currently, a certificate may be filed.

The bill requires the department to administer a certified 11 19 11 20 11 21 compliance inspector program for underground storage tank 11 22 facility compliance inspections. The bill provides that the 11 23 program shall include mandatory periodic underground storage 11 24 tank facility compliance inspections by owners and operators 11 25 using inspectors certified by the department. The bill

11 26 requires the department to continue to conduct independent 11 27 inspections as deemed appropriate. The bill appropriates 11 28 moneys received by the department for certification and 11 29 renewal fees for purposes of the administration of the 11 30 certified compliance inspector program. The bill provides 11 31 that acts or omissions of the certified compliance inspectors, 11 32 the state, or the department regarding certification, renewal, 11 33 oversight of the certification process, continuing education, 34 discipline, inspection standards, or any other actions, rules, 11 35 or regulations arising out of the certification, inspections, or duties imposed by these provisions shall not be cause for a claim against the state or the department. 12 12 12

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The bill requires the environmental protection commission to adopt rules for requirements as may be necessary to maintain state program approval and which are consistent with applicable provisions of the federal Energy Policy Act of 2005, Pub. L. No. 109=58, Title XV, Subtitle B, Underground 8 Storage Tank Compliance, as codified in 42 U.S.C. 6991 et seq. 9 The bill provides that the commission shall adopt rules 12 10 establishing a training program applicable to owners and 12 11 operators of underground storage tanks. The bill provides 12 12 that the rules may include provisions for department 12 13 certification of operators, self-certification by owners and 12 14 operators, education and training requirements, owner 12 15 requirements to assure operator qualifications, and assessment 12 16 of education, training, and certification fees.  $12\ 17$  requires the rules to be consistent with and sufficient to  $12\ 18$  comply with certain federal requirements.

The bill repeals Code section 455G.17 relating to 12 20 certification of different classes of persons as underground 12 21 storage tank installation inspectors. The repeal takes effect 12 22 upon the Code editor's receipt of notice from the 12 23 environmental protection commission stating that emergency 12 24 rules required under this bill have taken effect.

The bill repeals Code section 455G.18 relating to the 12 26 certification of groundwater professionals and moves 12 27 substantially the same provisions to Code chapter 455B. 12 28 bill removes a requirement that certification courses and 12 29 examinations be held by the administrator of the Iowa 12 30 comprehensive petroleum underground storage tank fund and 12 31 removes other outdated provisions. The bill makes conforming 12 32 amendments.

12 33 The bill requires that persons and companies performing or 34 providing services for underground storage tank installations, 12 12 35 installation inspections, testing, and permanent closure of 1 underground storage tanks by removal or filling in place, and 13 13 2 other closure activities be certified by the department. 3 bill provides that the rules shall include establishing 4 separate certification criteria applicable to underground 13 13 13 5 storage tank installers and installation inspectors, 6 underground storage tank testers, and persons conducting 7 underground storage tank closure activities, establishing 13 13 8 minimum qualifications for certification, requiring a written 13 examination developed and administered by the department or by 13 13 10 some other qualified public or private entity identified by 13 11 the department, providing for a minimum two=year renewable 13 12 certification period, allowing a person to apply for a 13 13 combined certificate, providing that certificate holders 13 14 obtain and provide proof of financial responsibility for 13 15 environmental liability with minimum liability limits of \$1 13 16 million per occurrence and in the aggregate, providing 13 17 criteria for the department to take disciplinary action 13 18 against certificate holders, and providing for certification 13 19 reciprocity between states, providing for assessment of fees 13 20 sufficient to cover the costs of administration of the 13 21 certification program. The bill that fees received by the 13 21 certification program. 13 22 department are appropriated to the department for purposes of 13 23 the administration of these provisions. The bill allows the 13 24 adoption of rules requiring that all underground storage tank 13 25 installations, installation inspectors, testing, and closure 13 26 activities be conducted by persons certified pursuant to these 13 27 provisions. The bill provides that acts or omissions of 13 28 certified persons, the state, or the department regarding 13 29 certification, renewal, oversight of the certification 13 30 process, continuing education, discipline, inspection 13 31 standards, or any other actions including department onsite 13 32 supervision of certified activities, rules, or regulations 13 33 arising out of the certification, shall not be cause for a 13 34 claim against the state or the department.

13 35 The bill modifies provisions relating to the payment of 1 moneys in the remedial account of the Iowa comprehensive

14 2 petroleum underground storage tank fund. Currently, one of 3 the uses of such moneys is for corrective action in response 14 14 4 to a high=risk condition caused by a release from an 14 underground storage tank located on a site for which the 6 department, after January 31, 1997, has issued a no further 14 action certificate. The bill provides that the moneys may be 14 used for a corrective action including a site assessment required by the department in response to a release which was 14 8 14 14 10 previously eligible for benefits from the remedial account 14 11 from an underground storage tank located on a site for which 14 12 the department has issued a no further action certificate. 14 13 The bill also allows the department to establish a claim for 14 14 the no further action benefits if the owner or operator of a 14 15 site is unable or unwilling to file a claim for no further 14 16 action benefits from the remedial fund. 14 17

The bill allows moneys in the remedial account of the Iowa 14 18 comprehensive petroleum underground storage tank fund to be 14 19 used for costs for the permanent closure of an underground 14 20 storage tank system that was in place on the date an eligible 14 21 claim was submitted. The bill places limits on the

14 22 reimbursement allowed. 14 23

The bill provides that, not later than August 1, 2007, the 14 24 environmental protection commission shall adopt administrative 14 25 rules previously adopted by the Iowa comprehensive petroleum 14 26 underground storage tank fund board pursuant to Code section 14 27 455G.17 in existence on the effective date of this Act by 14 28 emergency rulemaking. The bill provides that, following the 14 29 adoption of emergency rules, the commission shall commence 14 30 rulemaking procedures for the administration of Code section 14 31 455B.474, subsection 10. The bill provides that any 14 32 registration or certification issued pursuant to Code section

14 33 455G.17 shall continue in full force and effect until

14 34 expiration or renewal.

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